

GLIMPSES OF LOUISVILLE, KY.

WITH the opening year, we once more come before our readers, and offer in our illustrated department, a fine series of views in Louisville, Kentucky. They occupy the first six pages of the Magazine, and were drawn expressly for us. Louisville is situated on the Falls of the Ohio River, at the mouth of Beargrass Creek, about 130 miles below Cincinnati. In a commercial point of view, it is the most important place in the State. It is the seat of justice of Jefferson county, and stands upon an extensive sloping plain about a quarter of a mile above the princi-

pal declivity of the falls, and seventy feet above high water mark. The falls may be seen from the city. In high stages of water they almost entirely disappear; but when the water is low, the whole width of the river, which is here nearly a mile wide, is covered with foam. The river is divided by a fine island, which gives a picturesque appearance to the scene. To obviate the obstruction to navigation caused by the falls, a canal two and a half miles long has been constructed around them. The Marine Hospital, shown on page 8, is situated on the outskirts of the city,



BRIDGE OVER BEARGRASS CREEK, LOUISVILLE.



SPEED MARKET, LOUISVILLE, KENTUCKY.

and is a fine, commodious building. It was built, we believe, in 1823. Our view in Sixth Street presents the general appearance of the Louisville streets, all of them being shaded with fine trees. The church on the right is the First Presbyterian; that on the left is the Saint Paul's Episcopal. Market Street contains several markets, one of which, the "Speed Market," is given herewith. The sketch was taken from near the "Kentucky Market," which is immedi-

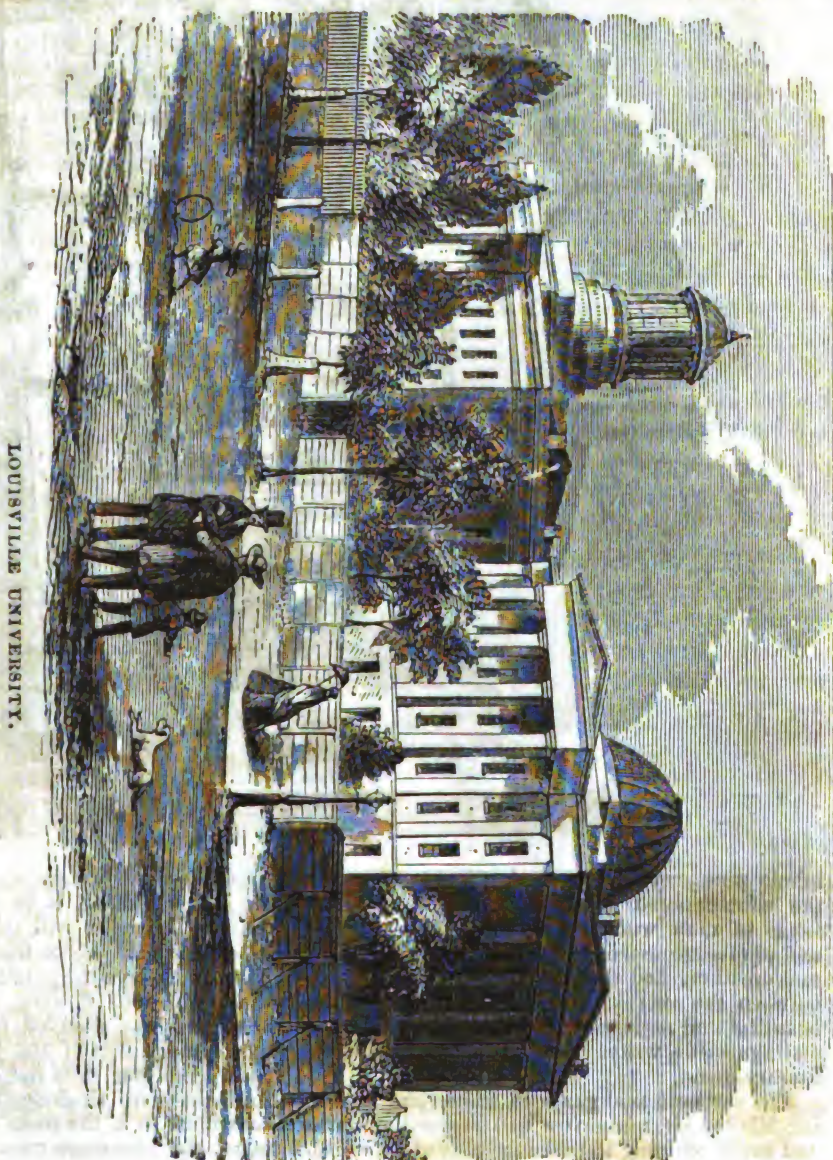
ately in the rear of the spectator, and not seen in the picture. The University of Louisville, on page 7, is situated on Chestnut Street, corner of Eighth Street. The buildings have a fine location, and are an ornament to the city. The left hand building in our view is the Medical, and the other the Law Building. Beargrass Creek, shown on the previous page, is a picturesque locality, and is crossed by several bridges, one of which is seen in the picture. The buildings seen

at the right of the picture are connected with the gas works. Another engraving represents the St. Joseph Infirmary, a Catholic benevolent institution, situated on Fourth Street. Louisville was formerly considered unhealthy, owing to the stagnant waters in the vicinity, and subject to epidemic diseases; but these having been drained, it is now one of the most healthy places on the river. The railroads in course of projection will link Louisville, yet closer with other important towns and cities. The situation and scenery of the place are truly beautiful, and some portions of the city command enchanting views. The streets are broad, well laid out, paved, shaded by ornamental trees, and lighted by gas. Eight of them are parallel to the river. Our artist has sketched those of the public buildings which appeared to him best suited to the purposes of illustration. The Medical Institute, shown in one of his drawings, ranks very high, and was founded by an ordinance of the city council, which appropriated \$50,000 for the library, buildings, etc. The Mercantile Library Association, with its well-selected collection of books, and the Historical Society, deserve honorable mention. Louisville, it is stated, may be said to owe its existence to the Falls, which arrest the course of navigation at this point. The canal, to which we referred above, projected to avoid the Falls, was cut through the solid limestone rock at a cost of \$75,000. The dimensions having been found too small to admit the passage of the largest New Orleans steamers, a railway has been projected on the Indiana side, the object of which is to transport such vessels round the rapids by means of a stationary engine and pulleys. In 1850, the entire trade of Louisville was computed to amount to only \$50,000,000. The wholesale business has increased rapidly since that period. There are now over one hundred houses engaged exclusively in the wholesale business, the amount of which is estimated in round numbers at twenty

millions of dollars. The chief articles of export are tobacco, pork, hemp and flour. Although Louisville is devoted rather to commerce than manufactures, still the latter amount in value to about \$6,000,000 annually. For a place which has been in existence but about three quarters of a century, its growth has been very rapid.

VEGETABLE AND ANIMAL KINGDOM.

There is a ceaseless round of force mutation throughout nature, each one generating or changing into the other. So that force which enters the plant as heat and light, etc., is stored up in its tissues, making them organic. This force, transferred from the plant to the animal in digestion, is given out by its muscles in their decomposition, and produces motion, or by its nerves, and constitutes nervous force—force stored up in the body—resistance to chemical affinity; this force produced directly from the solar rays. The solar rays cause those operations in the vegetable world, by which trees and plants absorb the carbonic acid gas which is expired from the lungs of animals, and by which those very plants also





MARINE HOSPITAL, LOUISVILLE, KY.